

Abstract

This invention relates to a method and system for fast processing real-time media stream data package, which provides a method and system for fast transporting real-time media stream data package based on the Real-time Transport Protocol/ Real-time Transport Control Protocol of User Datagram Protocol for network nodes such as media gateway, Integrated Access Device (IAD) and multimedia terminal. The improvement of the system lies in the adding of an IP data package fast filter module, a UDP fast sending module and a policy ARP table process module based on local UDP port. The method comprises: fast receiving the real-time media stream data package transmitted on the basis of RTP/RTCP protocol; fast sending the real-time media stream data package transmitted on the basis of RTP/RTCP protocol; and a policy ARP table based on UDP port and its refurbishing system. Compared to the conventional receiving and sending of TCP/IP protocol stack and SOCKET programming, the present invention can fast process real-time media stream data package, improve the processing ability of equipment, reduce network delay of the media stream data package, thereby improving the QoS.